

Amendments to the Claims

Claims 1-25 (cancelled).

Claim 26 (new). A system for remote input/output for a processing unit, comprising:

a primary processing unit for processing data and handling a plurality of system resources including software and services;

a mobile input/output terminal for the primary processing unit, wherein said mobile input/output terminal enables a user to control the primary processing unit for all data processing and storage using said plurality of system resources; and

transceiver means on the mobile input/output terminal for transmitting and receiving input/output signals to and from the primary processing unit over a communication network.

Claim 27 (new). The system of claim 26, wherein the communication network is one of a wireless carrier network, a wireless local area network, a Wi-Fi connection, a Wi-Max connection and a publicly available “hotspot”.

Claim 28 (new). The system of claim 26, wherein the communication network is one of a land line based broadband from an Internet service provider and a local area network providing Internet service via land line.

Claim 29 (new). The system of claim 26, wherein the mobile input/output terminal comprises a monitor having a touch screen with or without an on-screen keyboard.

Claim 30 (new). The system of claim 26, wherein the mobile input/output terminal comprises a monitor, a keyboard, and a pointing device.

Claim 31 (new). The system of claim 26, wherein the mobile input/output terminal is integrated to and is part of one of a cell phone and a personal digital assistant.

Claim 32 (new). The system of claim 26, wherein the mobile input/output terminal is integrated to a laptop personal computer, and is accessed as an independent software application.

Claim 33 (new). The system of claim 26, wherein the input signals transmitted to the primary processing unit from the mobile input/output terminal are unprocessed signals.

Claim 34 (new). The system of claim 26, wherein the primary processing unit is one of a personal computer and a server.

Claim 35 (new). The system of claim 26, wherein the primary processing unit is networked with a plurality of personal computers and servers in one of a local area network configuration and a wide area network configuration.

Claim 36 (new). The system of claim 26, wherein the primary processing unit runs one of a Windows operating system, a Mac operating system, a Unix operating system, and a Linux operating system.

Claim 37 (new). The system of claim 26, wherein the primary processing unit is an integral part of a multi-server system, further wherein the primary processing unit is used to operate on applications and databases within said multi-server system.

Claim 38 (new). The system of claim 26, wherein the primary processing unit manipulates software applications and data residing in a remote data center, in addition to applications and data locally residing in hard disk.

Claim 39 (new). The system of claim 26, wherein the primary processing unit maintains uninterrupted connection to a server providing Internet service.

Claim 40 (new). The system of claim 26, wherein the primary processing unit is networked with one or more shared peripherals, wherein the mobile input/output terminal remotely controls said one or more shared peripherals.

Claim 41 (new). The system of claim 26, wherein the primary processing unit and the mobile input/output terminal is connected through an intermediating server, wherein said server performs switching functions and manages connections between multiple pairs of primary processing unit and mobile input/output terminal.

Claim 42 (new). The system of claim 26, wherein the primary processing unit runs a virtual private network host and wherein the mobile input/output terminal runs a corresponding client.

Claim 43 (new). The system of claim 26, wherein the connection between the processing unit and the mobile input/output terminal is routed through the Internet.

Claim 44 (new). The system of claim 26, wherein connectivity between the primary processing unit and the mobile input/output terminal is maintained through a specifically configured secure private network using one of point-to-point leased private lines and proprietary connectivity software of a wireless carrier.

Claim 45 (new). The system of claim 26, wherein the mobile input/output terminal comprises a microprocessor specifically designed and configured to exclusively drive input and output peripherals of the mobile input/output terminal and one of wireless connectivity and landline connectivity.

Claim 46 (new). The system of claim 26, wherein the mobile input/output terminal comprises multiple form factors based on user preference and custom configuration including detachability of peripherals.

Claim 47 (new). The system of claim 26, wherein the mobile input/output terminal is completely captive and stateless, further wherein the mobile input/output terminal is enabled to boot through a control server establishing, continuously monitoring and controlling connectivity and systems operation.

Claim 48 (new). A method for remote input/output for a processing unit, comprising the steps of:

transmitting user generated raw input signals from a mobile input/output terminal to a primary processing unit over a communication network;

receiving said input signals by said primary processing unit and translating the input signals into appropriate system input for manipulating, processing and storing data at the primary processing unit;

translating the processed data into audio-visual output signals at the primary processing unit;

transmitting said audio-visual output signals from the primary processing unit to said mobile input/output terminal over said communication network; and

rendering audio-visual display at the mobile input/output terminal as screen flashes using said audio-visual output signals.